

S E C R E T

DETACHMENT H

1 August 1966

STANDARD OPERATING PROCEDURE

H-45-14

QUALITY CONTROL AND TREND ANALYSIS

- I. PURPOSE: To establish Quality Control and Trend Analysis procedures and responsibilities within the entire detachment complex; to insure that the highest possible maintenance standards are achieved and maintained on all assigned aircraft, installed components and systems.
- II. SCOPE: This SOP pertains to all levels of operations and materiel supervision, aircraft crew chiefs, aircraft technicians, and system technicians who are individually and/or collectively responsible for total aircraft system safety and reliability. The scope of Quality Control will include the important support functions of test and ground support equipment and supply support.
- III. RESPONSIBILITIES:
- A. The Manager and in turn the Director of Materiel are overall responsible for the function of quality control and trend analysis function established herein. These responsibilities will be carried out with assistance of a Quality Control and Trend Analysis Board composed of the following:
- (1) Chief/Asst Chief of Maintenance.
  - (2) LAC Aircraft Inspector.
  - (3) A minimum of one (1) designated aircraft Crew Chief.
  - (4) Senior [REDACTED] Representative.
  - (5) Chief of Avionics or his designated permanent representatives for responsible systems including communications and navigation equipment.
  - (6) The Senior Baker and Delta camera representative.
  - (7) Logistics Manager.
  - (8) Fire Well Seat Kit representative.
  - (9) Engine representative.
- B. Each board member is responsible for insuring that his respective

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S E C R E T

S E C R E T

company or functional area section personnel are fully informed of the purposes and objectives of the program and acts as their spokesman or representative on special interest items, problems, results or actions taken.

C. The Chief of Maintenance will in coordination with section chiefs develop from within his entire resources the capability to display selected performance and trend analysis data. Personnel from sections with lighter work loads will be used to the extent possible.

D. Board meetings will be called by the Manager, Director of Materiel or Chief of Maintenance a minimum of once each 15 days or as often as needed for special projects or subjects.

E. Each person within the maintenance complex or directly supporting the maintenance effort is responsible for passing ideas, suggestions and problems to his respective section board member when in his opinion such will contribute to improve mission accomplishment.

F. Written briefs of board actions will be prepared and distributed to each section within 3 working days of each meeting.

G. Recognized problems which cannot be resolved with the unit capability will be forwarded to appropriate higher or support agencies in accordance with existing responsible communications.



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Detachment Commander

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